The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. A networked system, comprising:

a message sender for sending a customizable, tag-based message, which includes a reference to a first buffer; and

a message receiver for receiving the customizable, tag-based message, the message receiver being capable of processing the reference in the customizable, tag-based message to cause either a piece of information stored in the first buffer to transfer to a second buffer or a piece of information stored in the second buffer to transfer to the first buffer.

- 2. The networked system of Claim 1, wherein the customizable, tag-based message includes a body element for containing data, the body element including the reference to the first buffer.
- 3. The networked system of Claim 2, wherein the reference includes a uniform resource identifier.
- 4. The networked system of Claim 3, wherein the customizable, tag-based message includes a header element for containing control information.
- 5. The networked system of Claim 4, wherein the customizable, tag-based message is sent from the message sender to the message receiver via a customizable, tag-based prococol.

6. A networked system, comprising:

a message sender for sending a customizable, tag-based message, which includes a reference to a first buffer;

an intermediary for intercepting the customizable, tag-based message; and

a message receiver for receiving the customizable, tag-based message from the intermediary, the message receiver being capable of processing the reference in the customizable, tag-based message to cause either a piece of information in another buffer to

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transfer to a second buffer or a piece of information stored in the second buffer to transfer to the another buffer.

- 7. The networked system of Claim 6, wherein the customizable, tag-based message includes a header element that contains the reference to the first buffer, the header element further containing an attribute that is associated with the reference to the first buffer.
- 8. The networked system of Claim 7, wherein the customizable, tag-based message includes a body element that uses the attribute to refer to the first buffer.
- 9. The networked system of Claim 8, wherein the intermediary is capable of creating a staging buffer from the customizable, tag-based message, the intermediary being further capable of processing the reference in the customizable, tag-based message to create a staging buffer, and causing either a piece of information stored in the staging buffer to transfer to the first buffer or a piece of information stored in the first buffer to transfer to the staging buffer.
- 10. The networked system of Claim 9, wherein the another buffer of the message receiver is selected from a group consisting of the first buffer and the staging buffer.
- 11. A computer-readable medium having a customizable, tag-based data structure stored thereon for use by a networked system to process the act of sending information by reference, the data structure comprising:
- a header tag that is indicative of control information, the header tag including a service tag that is indicative of a service for representing a buffer, the service tag including a URI attribute that is indicative of a URI of the service representing the buffer and an identifier attribute that is associated with the service tag; and
- a body tag that is indicative of data information, the body tag being capable of using the identifier attribute to refer to service representing the buffer.
- 12. The data structure of Claim 11, further comprising a host tag that is indicative of the host at which the buffer resides.

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- 13. The data structure of Claim 11, further comprising a port tag that is indicative of a network port through which network communication occurs.
- 14. The data structure of Claim 11, further comprising a contract tag that is indicative of a contract for defining one or more behaviors of the service representing the buffer.
- 15. The data structure of Claim 11, further comprising a steering tag that is indicative of a steering tag associated with a physical address of the buffer and a length tag that is indicative of the length of the buffer.
 - 16. A networked system, comprising:
 - a central processing unit;
 - a piece of memory that includes a first buffer; and
- a network interface card that is capable of processing a reference in a customizable, tag-based message to cause either a piece of information stored in the first buffer to transfer to another buffer or a piece of information stored in the another buffer to transfer to the first buffer without requiring the central processing unit to execute copy instructions.
- 17. The networked system of Claim 16, further comprising a session service for associating an address of the first buffer with a steering tag created by the network interface card.
- 18. The networked system of Claim 17, further comprising a session manager service for creating the session service and for destroying the session service once the transfer of the piece of information is completed.
- 19. The networked system of Claim 18, further comprising a sender service for originating the customizable, tag-based message, the sender service invoking the session manager service to initiate the transfer of the information.

- 20. The networked system of Claim 19, wherein the customizable, tag-based language includes associates the steering tag with a URI of the session service.
- 21. A computer-implemented method for sending by reference in a customizable, tag-based protocol, the computer-implemented method comprising:

preparing a customizable, tag-based message to include a transfer context, the transfer context including a reference to a first buffer for storing a piece of information without having to embed the piece of information in the customizable, tag-based message; and

sending the customizable, tag-based message to the network.

- 22. The computer-implemented method of Claim 21, wherein the act of preparing includes associating a steering tag with an address of a first buffer that is capable of storing the piece of information.
- 23. The computer-implemented method of Claim 22, wherein the act of preparing includes creating an attribute in the transfer context, which is capable of being used as an indirection in a body element of the customizable, tag-based message to refer to the first buffer.
- 24. The computer-implemented method of Claim 23, further comprising an act of intercepting the customizable, tag-based message by an intermediary to create a staging buffer to mediate between two nodes.
- 25. The computer-implemented method of Claim 24, further comprising receiving the customizable, tag-based message, the act of receiving processing the reference to cause a transfer of the piece of information to or from the first buffer at one node to or from another buffer at another node without having a central processing unit to execute a copy instruction.
- 26. A computer-readable medium having computer-executable instructions for implementing a method for sending by reference in a customizable, tag-based protocol, the computer-implemented method comprising:

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preparing a customizable, tag-based message to include a transfer context, the transfer context including a reference to a first buffer for storing a piece of information without having to embed the piece of information in the customizable, tag-based message; and

sending the customizable, tag-based message to the network.

- 27. The computer-readable medium of Claim 26, wherein the act of preparing includes associating a steering tag with an address of a first buffer that is capable of storing the piece of information.
- 28. The computer-readable medium of Claim 27, wherein the act of preparing includes creating an attribute in the transfer context, which is capable of being used as an indirection in a body element of the customizable, tag-based message to refer to the first buffer.
- 29. The computer-readable medium of Claim 28, further comprising an act of intercepting the customizable, tag-based message by an intermediary to create a staging buffer to mediate between two nodes.
- 30. The computer-readable medium of Claim 29, further comprising receiving the customizable, tag-based message, the act of receiving processing the reference to cause a transfer of the piece of information to or from the first buffer at one node to or from another buffer at another node without having a central processing unit to execute a copy instruction.